

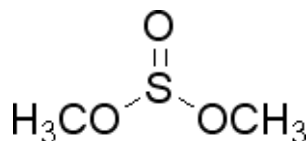
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## Product Specification

Product Name:  
Dimethyl sulfite - ≥99.5%

**Product Number:** 227862  
**CAS Number:** 616-42-2  
**MDL:** MFCD00008415  
**Formula:** C<sub>2</sub>H<sub>6</sub>O<sub>3</sub>S  
**Formula Weight:** 110.13 g/mol



TEST	Specification
Appearance (Color)	Colorless
Appearance (Form)	Liquid
Infrared spectrum	Conforms to Structure
Refractive index at 20 ° C	1.408 - 1.412
Impurities (% Methanol)	≤ 0.01 %
% Methanol	
GC (area %) by TCD	≥ 99.50 %
Water (by Karl Fischer)	≤ 0.01 %
Trace Metal Analysis (ppm Ca o ppm Calcium Value	≤ 50 ppm

Specification: PRD.0.ZQ5.10000015041

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.